



AA 1744

[10191/1146]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Harald NEUMANN
Serial No. : 09/369,767
Filed : August 6, 1999
For : ARRANGEMENT FOR WIRING AN
ELECTROCHEMICAL SENSOR
Examiner : Kaj K. Olsen
Group Art Unit : 1744

Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT IN RESPONSE TO OFFICE ACTION
UNDER 37 C.F.R. § 1.116

SIR:

In response to the Final Office Action dated January 3, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 2, 4, 9 and 12 as follows:

2. (Twice Amended) The sensor according to claim 1, further comprising an arrangement for providing a negative operating voltage so that coupling of a heater voltage is effectively blocked and wherein the negative operating voltage is applied to the negatively polarized electrode.
4. (Twice Amended) The sensor according to claim 2, further comprising a circuit arrangement for analyzing a negative probe voltage (U_s), and wherein the negative operating voltage (U_b) powers the circuit arrangement.

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Art Unit : 1744
Examiner : Kaj K. Olsen
Conf. No. : 7223
Customer No. : 26646

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37 C.F.R. § 1.8 CERTIFICATE OF TRANSMISSION
I hereby certify that this correspondence is being facsimile
transmitted to the Patent and Trademark Office in accordance
with 37 C.F.R. § 1.6(d) on the date shown below:

AARON C. DEDITCH (Reg. No. 33,865)

Type or print name of person signing Certificate

Signature

Date

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Examiner Kaj K. OLSEN (Phone No.: (571) 272-1344)
Facsimile No.: (703) 872-9306

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116

SIR:

As discussed between Aaron C. Deditch (reg. no. 33,865) and Examiner Olsen on May 5, 2004 and in further response to the Final Office Action mailed June 19, 2002, please enter the following claim amendments and reconsider the above-identified application based on the following. As discussed with Examiner Olsen, this supplemental response is in lieu of a Reply to the Supplemental Answer of March 12, 2004, the response to which is due on May 12, 2004. This response is being transmitted by facsimile on May 6, 2004, with a certificate of transmission.

As discussed with Examiner Kaj Olsen, while no fees (including any extension fees) are believed to be due, the Commissioner is authorized to charge payment of any fees (including any extension fees) associated with this communication or credit any overpayment to the deposit account of *Kenyon & Kenyon*, deposit account number 11-0600. A duplicate copy of this paper is enclosed.

Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

NY01 680373 v 1



[10191/1146]

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Serial No. : 09/369,767
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ELECTROCHEMICAL SENSOR

Art Unit : 1744
Examiner : Kaj K. Olsen

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

Date 8/28/2002 Atty's Reg. # 33,885

Atty's Signature

AARON C. DEBICH

Box AF
Commissioner for Patents
Washington, D.C. 20231

RESPONSE AFTER A FINAL OFFICE ACTION

SIR:

In response to the Final Office Action mailed on June 19, 2002 (the three-month response date for which is September 19, 2002), please reconsider the above-identified application based on the following:

REMARKS

Claims 1 to 22 are currently pending in this application.

Claims 1 and 5-14 were rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 4,909,922 to Kato et al. ("the Kato reference") in view of any of U.S. Patent No. 4,629,549 to Kojima et al. ("the Kojima reference"), U.S. Patent No. 4,787,966 to Nakajima et al. ("the Nakajima reference"), U.S. Patent No. 5,203,983 to Ohyama et al. ("the Ohyama reference"), and/or U.S. Patent No. 4,365,604 to Sone ("the Sone reference") and Logothetis et al. ("High-temperature Oxygen Sensors," ACS Symposium Series) ("the Logothetis reference"). Applicant respectfully traverses.

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